

SOUTH PRODUCTION NOTES

**December 28, 2013
Day Shift**

**BASF EMPLOYEES
36 Last Recordable
181 Last Lost Time**

#1 MED AL-5637: No longer making batches of AL-5637. The plan is to clean the dryer and calciner for D-0756 (if needed). Cleaning on hold for now. We will go back to the AL-5637 whenever Grodecki and other engineers advise (dependent on status of #6).

#1 RC / clean for D-0756: We brought the temperatures down and reversed the calciner. The calciner is on hold until status of #6 confirmed and additional guidance provided by Grodecki.

Exhaust to Trimer

Midnight Shift: Hold for now

Day shift:

Afternoon Shift:

#2 MED line/ D-0768: Continue until we run out of either the copper carbonate or microorb. There is more of both in the near rail shed. Also, continue hand-picking contaminated bagged material...feed this material to the calciner hopper when possible. 1 bag remaining.

Midnight Shift: Continued. Grodecki advised that we will continue until either the microorb or the copper carbonate runs out. NOTE; end seals leaking bad, work notification written for seals to be repacked. May be bin vent suction issue, will need to inspect bin vent to make sure not clogged up and forcing powder to escape through seals.

Day Shift:

Afternoon Shift:

#2 RC/ D-0768: Be sure to shovel the material from the floor onto the dryer bed on the feed end of the dryer at least once a shift. Continue to feed the calciner and check the screen on the granulator once a day to make sure there is not a hole in it. **SAMPLING** NOTE: please get two 16 oz samples per pallet for the lab.

Midnight Shift: Continue on.

Day shift:

Afternoon Shift:

Exhaust to CTO

#3 MED line /Next D-1795 NAQ: Continue following the clean up sheet and signing off on what you have completed. The dryer/spiral/calcliner/and calcliner spiral should be done before the mixer/pulva/extruder. We will need to wash out the calcliner and clean the spiral elevators before running.

Midnight Shift: No change. Set-up instructions for the D 1795 will (through dryer) will be provided by Grodecki

Day shift:

Afternoon Shift:

#3 RC /Next D-1795 NAQ: We will need to wash out the calcliner and clean the spiral elevators before running.

Exhaust to CTO

Midnight shift: Calcliner flushed on midnight shift. Will inspect day shift and verify readiness.

Day shift:

Afternoon Shift:

Abbe Blender / D-5206: Continue on until we are out of HF. We should have 24 batches left as of 3PM Friday the 20th. All of the 5202 should be in the railshed.

Midnight shift: Out of HF.

Day shift: No change.

Afternoon Shift: Officially out of HF.

National Dryer / 5206 : Done.

Midnight shift: No feed.

Day shift: No feed.

Afternoon Shift: No change.

#4 RC / D-5206: Continue to feed.

Exhaust to 4 DC

Midnight shift: Out of feed

Day shift:

Afternoon Shift:

HC-11 Tanks / Cu 5020: Continue on. There is a pallet of Britesorb samples that were returned to the department (HC-11). At least one box contains 1 gallon (4 lb) pails. Per Noemi Trent, please add one of these to each strike batch in 4 tank.

Midnight shift: Continue with batches...no issues with pump or tanks.

Day shift:

Afternoon Shift:

PK Blender / 4011: 19 batches of 4011 completed. On hold for now.

Midnight shift: No change

Day shift: No change.

Afternoon Shift: No change.

#5 RC / 4011 done. DC has new HEPA filter installed.

Exhaust to Trimer

Midnight shift: Down

Day shift: Down

Afternoon Shift: Down.

New Pfaudler / BE-0101 E 1/8th: Extrusion batches to start Friday.

Midnight shift: Hold until day shift as we will be making next batch using Al 3921 E 1/8th batches (Lot 3, bags 5-7, 9-14, extrusions vs tablets), per Justin Quach. Batch #2 will be on Saturday morning

Day shift:

Afternoon Shift:

Old Pfaudler D-0756: On hold until dryer and calciner lit and feeding. Need to use RO unit for batches. **PLEASE NOTE that each bag of base must be weighed (check-weigh) before loading into the pfaudler.** Need to confirm that the bag weights are correct.

Midnight shift: On Hold. Waiting for Bodmann to contact GL Scoggins to verify when to start making D 0756 batches again. Hopefully day shift Saturday.

Day shift:

Afternoon Shift:

#6 - RC / D-0756: Sly scrubber repaired, trying to relight dryer and calciner. When up to temp and ready, restart feeding and schedule next batches on old pfaunder. The bags that come off of this calciner need to be check weighed in building 31 and recorded on the log sheet. MAKE SURE THAT WE TAPE SHUT THE SAMPLE JARS. Maintain 250 lbs/hr.

Exhaust to Sly Scrubber

Midnight shift: Calciner struggling to come up to temp. Will contact for Bodmann for guidance as needed on Saturday morning.

Day Shift:

Afternoon shift:

Tower 3 / Cu-0860: Loaded and running. Should come down sometime Monday

Tower 6 / Cu-0860: Loaded and running. Should come down sometime Sunday

Midnight Shift: Continued.

Day shift:

Afternoon shift:

Harrop Kiln - Al-3921 T 3/16": Down...saggers will need to be changed to half saggers in the near future for next product. Also, parts from the harrop screener were used on the 2nd screener in the tunnel kilns.

North Screener / Cu-0860: Continue

Midnight shift:Continue....

Day shift:

Afternoon Shift:

South Screener / Cu-0860: Continue.

Midnight shift: Continue...

Day shift:

AfternoonShift:

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Midnight shift: No change

Day shift: No change.

Afternoon Shift: No Change.

Tunnel Kiln #2 / BE-0101 Extrusions: Continue loading/unloading. ..1 scoop per sagger-12 pounds.

Midnight shift: Continue loading extrusions and unloading tablets. **NOTE:** empty car gap should be cars # 1-2 between tablets and extrusions. In addition, the screener fines screen will need to be changed **BEFORE** we screen the new material. MOD will be updated, and this information will be discussed further with the TK operators.

Day shift: Continue.

Afternoon Shift:

Tunnel Kiln #4 / BE-0101 Tablets: Continue loading/unloading. ..1 scoop per sagger-12 pounds.

Midnight shift: Continue with BE 0101 tablets (remaining tablet bags - 1 full and 1 partial)

Day shift:

Afternoon Shift:

Weekend Inventory Update:

Copper carb, Versal 300 and Microsorb clay are in the rail shed you will run out of Copper carb first and we want to use it all so make a part batch to use it all. D 0702 is in the the rail shed or the 3rd floor. There AMMONIUM METATUNGSTATE on the 1st floor. The last of the britesorb is in the rail shed and the soda ash is in shipping. Keep loading the trucks at our docks with D 0768 drums and bags and the D 0756 when this get up and running. There is still some Cu 0860 in the far rail shed.

Bill Grodecki's Instructions:

- I. I have left cleanup instructions for MED3/RC3. The next product on mix/extrusion (starting mid-January) will be similar to D-1794 so only a rough cleanup of mix/extrude is necessary. D-1795 will run on dry/calcine starting ~12/30. Only a rough cleanup is needed to avoid white extrusions in the colored product. Since we have 2 weeks, this is a good fill in job. (UPDATE: will work on this during weekend)
- II. SSD is going well but please check the granulator screen daily and change if necessary. Lengths will be off if a hole goes undetected. (UPDATE: screen checked on Thursday and so far OK. Needed to be tightened, but not worn out).

Tim and I discussed it and made an executive decision to begin taking department retain samples of finished tower products. Operators will begin taking 6-16 oz. samples of finished product (instead of 3). Set 3 on the post for pickup and keep 3 in the screening room for retain. If a sample turns up missing, we will have the retains to give to the lab.

Keep the retains for a month and return to production. I will post the new procedure in the screening room.